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Gerrish

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(54) **PROTECTANT FILM FOR SKIN**

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(58) **Field of Search** **424/78.03, 401,**
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(56) **References Cited**

U.S. PATENT DOCUMENTS

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(57) **ABSTRACT**

An improved skin-protecting film-forming composition uses the polymer cycloalkyl methacrylate copolymer. In general, a composition according to the present invention comprises: cycloalkyl methacrylate copolymer; an evaporative solvent comprising at least one solvent for the cycloalkyl methacrylate copolymer that can evaporate so that the copolymer is deposited on the skin; and a plasticizer to provide flexibility to the film deposited on the skin. The composition dries to produce a protective film for skin when applied to the skin of a user. A preferred composition according to the present invention comprises about 19 percent of cycloalkyl methacrylate copolymer, about 1 percent of acetyl tributyl citrate, about 30 percent of isooctane, and about 50 percent of hexamethyldisiloxane. Another composition according to the present invention comprises about 19 percent of cycloalkyl methacrylate copolymer, about 1 percent of acetyl tributyl citrate, about 19 percent of isooctane, about 11 percent of isododecane, and about 50 percent of hexamethyldisiloxane.

15 Claims, No Drawings